

### **LISTING OF CLAIMS**

1-11. (Canceled)

12. (Currently Amended) A method of :

providing a non-weight bearing post-operative protection to a limb within ten days from amputation of such limb, said method comprising:

compressing and containing the post-operative limb by applying a thermo plastic gel liner on ~~a~~the post-operative limb;

placing a distal pad on a distal end of the post-operative limb above the thermo plastic gel liner;

covering the post-operative limb with a protective covering over the thermo plastic gel liner;

wrapping the post-operative limb over the protective covering with a wrap;

placing a spacer around the perimeter of the limb prior to applying the cast forming gauze;

wrapping the post-operative limb with a cast forming gauze, wherein the cast forming gauze solidifies to form a cast;

shaping the residual muscle tissue before the gauze solidifies;

cutting the cast proximate the spacer;

cutting the cast along its periphery sufficient to permit removal of the cast; and

securing the cast on the post-operative limb with one or more securing mechanisms.

13. (Original) The method of claim 12, further comprising placing a pad proximate a joint and cutting the cast proximate the pad prior to securing the cast on the post-operative limb.

14. (Original) The method of claim 12, wherein the spacer is removed prior to securing the cast on the post-operative limb.

15. (Original) The method of claim 12, wherein cutting the cast along its periphery is cutting the cast into two separate portions.

16. (Currently Amended) A method of making a removable non-weight bearing cast suitable for use with a limb within ten days from amputation of the limb, ~~post-operative limb~~ the method comprising:

providing a non-weight bearing post-operative protection within ten days from amputation by:

compressing and containing a post-operative residual limb tissue of a limb by  
applying a thermo plastic gel liner on a limb;

covering the limb with a protective covering over the thermo plastic gel liner;

wrapping the over the protective covering with a wrap;

wrapping the with a cast forming gauze, wherein the cast forming gauze solidifies to form a cast; and

cutting the cast along its periphery sufficient to permit removal of the cast.

17. (Original) The method of claim 16, further comprising placing a pad proximate a joint and cutting the cast proximate the pad.

18. (Original) The method of claim 16, further comprising shaping the residual muscle tissue before the gauze solidifies.

19. (Original) The method of claim 16, further comprising placing a spacer around the perimeter of the limb prior to applying the cast forming gauze.

20. (Original) The method of claim 19, further comprising cutting the cast proximate the spacer.

21. (Original) The method of claim 19, wherein the spacer is removed prior to securing the cast on the post-operative limb.

22. (Original) The method of claim 16, wherein cutting the cast along its periphery is cutting the cast into two separate portions.

23. (Canceled)